

MR-1 CHECK OFF LIST FOR NON-CATEGORICAL COMPANIES

ST. MARY'S HOSPITAL
350 Boulevard, PASSAIC

26210045

1. Month of DECEMBER 1, 2008 THRU DECEMBER 31, 2008

- | | | | |
|--|------------------------------------|------------------------------------|-----|
| 2. Is Outlet # (8 digit) Correct? | <input checked="" type="radio"/> Y | N | N/A |
| 3. Is average Total flow-gal.day stated in space provided? | <input checked="" type="radio"/> Y | N | N/A |
| 4. Is max. Total flow-gal day stated in space provided? | <input checked="" type="radio"/> Y | N | N/A |
| 5. Is method used to calculate water stated? | <input checked="" type="radio"/> Y | N | N/A |
| 6. Are number of working days stated? | <input checked="" type="radio"/> Y | N | N/A |
| 7. Are there any parameters which have exceeded PVSC Local Limits? | Y | <input checked="" type="radio"/> N | N/A |
| 8. Is proper compliance/non-compliance statement provided? | <input checked="" type="radio"/> Y | N | N/A |
| 9. Have correct number of samples been submitted? | <input checked="" type="radio"/> Y | N | N/A |
| 10. Has PHC result been listed on MR-1 report? | Y | <input checked="" type="radio"/> N | N/A |
| 11. Has sample number been reported in space provided? | <input checked="" type="radio"/> Y | N | N/A |
| 12. Have all regulated parameters been listed on MR-1? | <input checked="" type="radio"/> Y | N | N/A |
| 13. Has sample type been stated on MR-1? | <input checked="" type="radio"/> Y | N | N/A |
| 14. Have all samples been taken during this reporting period? | <input checked="" type="radio"/> Y | N | N/A |
| 15. Has NJDEPE certified lab been used? | <input checked="" type="radio"/> Y | N | N/A |
| 16. Have analytical results been submitted on copies of Laboratory stationery? | <input checked="" type="radio"/> Y | N | N/A |
| 17. Have results been written in space designated on MR-1? | <input checked="" type="radio"/> Y | N | N/A |
| 18. Is correct method used to preserve samples stated on MR-1? | <input checked="" type="radio"/> Y | N | N/A |
| 19. Has MR-1 been signed by authorized representative? | <input checked="" type="radio"/> Y | N | N/A |
| 20. Has information been submitted on proper MR-1 form? | <input checked="" type="radio"/> Y | N | N/A |
| 21. Remove Arsenic from report if sampling not required | <input checked="" type="radio"/> Y | N | N/A |

MR-1 CHECK OFF LIST FOR NON-CATEGORICAL COMPANIES

First Reviewer: comments on deficiencies Complete

Date Reviewed 1/26/09 Date sent to user _____

Date due back _____ Reviewer J. Sudano

Second review comments on deficiencies _____

Date Reviewed _____ Date sent to user _____

Date due back _____ Reviewer _____

Date _____ Reviewer _____

JAN 21 2009

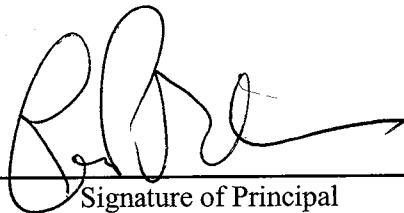
Certification of Non-use if applicable (use additional sheets): N/A

Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary for every parameter used. PBI Regional Medical Center Hospital is in compliance with the PVSC local limits

Explain Method for preserving samples: Laboratory preserved with 5ml nitric acid to a pH of <2

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988



Signature of Principal
Executive or Authorized Agent

Joseph W. Pilewski

Vice President, Enviro-Sciences (OF DELAWARE), Inc

Type Name and Title

19-Jan-09

Date

Water Discharge Calculation Sheet

ST. MARY'S HOSPITAL (PBI)

DECEMBER 2008

Total water used from meter reading (Cubic feet)	729,300
x 7.48 (gallons / cubic foot)	
Total Usage (Gallons)	5,455,164
Evaporation (Gallons) 5% evaporation *	272,758
Volume Discharged (Gallons)	5,182,406

Volume Discharged For Month	
Daily Average Discharge (Gallons)	167,174
Daily Maximum Discharge (Gallons)	183,892

Month 12
Last day 31

* NOTE: In the months of January, February and March the PVSC DOES NOT ALLOW a reduction for evaporation.

70027224	70027225	70029946	60144298			
<u>Meter 1</u>	<u>Meter 2</u>	<u>Meter 3</u>	<u>Meter 4</u>	<u>Total</u>	<u>x 100</u>	<u>x 7.48</u>
1,900	4,191	952	250	7,293	729,300	5,455,164

	<u>Reading Date</u>		<u>CF1</u>	<u>CF2</u>	<u>Consumption (100 cu.ft.)</u>
Meter 1	1/12/09		1,634.00	1,598.00	
	12/11/08		234.00	1,593.00	
		C - L	1,400.00	5.00	
			<u>x 1</u>	<u>x 100</u>	
			1,400.00	500.00	1,900.00
Meter 2	1/12/09		8,024.00	1,373.00	
	12/11/08		6,533.00	1,346.00	
		C - L	1,491.00	27.00	
			<u>x 1</u>	<u>x 100</u>	
			1,491.00	2,700.00	4,191.00
Meter 3	1/12/09		7,552.00	7,779.00	
	12/11/08		6,730.00	7,766.00	
		C - L	822.00	13.00	
			<u>x 1</u>	<u>x 10</u>	
			822.00	130.00	952.00
Meter 4	1/12/09		2,419.00		
	12/11/08		2,394.00		
		C - L	25.00		
			<u>x 10</u>		
			250.00		250.00



ANALYTICAL DATA REPORT

ESI, INC.
111 Howard Blvd
Suite 108
Mount Arlington, NJ 07856

Project Name: **ST. MARY'S HOSPITAL (PBI) - R8MM**
IAL Case Number: **E08-13753**

These data have been reviewed and accepted by:

A handwritten signature in dark ink, appearing to read 'Michael H. Lefin', written over a horizontal line.

Michael H. Lefin, Ph.D.
Laboratory Director

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.**E08-13753****Client** ESI, INC.**Project** ST. MARY'S HOSPITAL (PBI) - R8MM**Received On** 12/ 3/2008@13:00

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top/Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u># of Container</u>
13753-001	SMP-1208	n/a	12/ 3/2008@10:00	Aqueous	1

INTEGRATED ANALYTICAL LABORATORIES, LLC.**TABLE OF CONTENTS**

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* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.**MATRIX QUALIFIERS**

- A -** Indicates the sample is an Aqueous matrix.
- O -** Indicates the sample is an Oil matrix.
- S -** Indicates the sample is a Soil, Sludge or Sediment matrix.
- X -** Indicates the sample is an Other matrix as indicated by Client Chain of Custody.

DATA QUALIFIERS

- B -** Indicates the analyte was found in the Blank and in the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of the analyte.
- C -** Common Laboratory Contaminant.
- D -** The compound was reported from the Diluted analysis.
- D.F. -** Dilution Factor.
- E -** Estimated concentration, reported results are outside the calibrated range of the instrument.
- J -** Indicates an estimated value. The compound was detected at a value below the method detection limit but greater than zero. For GC/MS procedures, the mass spectral data meets the criteria required to identify the target compound.
- MDL -** Method Detection Limit.
- MI -** Indicates compound concentration could not be determined due to Matrix Interferences.
- NA -** Not Applicable.
- ND -** Indicates the compound was analyzed for but Not Detected at the MDL.

REPORT QUALIFIERS

All solid sample analyses are reported on a dry weight basis.

All solid sample values are corrected for original sample size and percent solids.

- Q -** Qualifier

INTEGRATED ANALYTICAL LABORATORIES, LLC.**CONFORMANCE / NONCONFORMANCE SUMMARY**

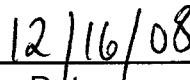
Integrated Analytical Laboratories, LLC. received one (1) aqueous sample(s) from ESI, INC.
(Project: ST. MARY'S HOSPITAL (PBI) - R8MM) on December 3, 2008 for the analysis of:

(1) Metal - Copper
(1) Metal - Zinc

A review of the QA/QC measures for the analysis of the sample(s) contained in this report
has been performed by:



Reviewed by



Date

INTEGRATED ANALYTICAL LABORATORIES, LLC.

LABORATORY DELIVERABLES CHECK LIST

Lab Case Number: E08-13753

	Check If Complete
1. Cover Page, Title Page listing Lab Certification #, facility name & address and date of report preparation.	<u>✓</u>
2. Table of Contents.	<u>✓</u>
3. Summary Sheets listing analytical results for all targeted and non-targeted compounds.	<u>✓</u>
4. Summary Table cross-referencing Field ID's vs. Lab ID's.	<u>✓</u>
5. Document bound, paginated and legible.	<u>✓</u>
6. Chain of Custody.	<u>✓</u>
7. Methodology Summary.	<u>✓</u>
8. Laboratory Chronicle and Holding Time Check.	<u>✓</u>
9. Results submitted on a dry weight basis (if applicable).	<u>✓</u>
10. Method Detection Limits.	<u>✓</u>
11. Lab certified by NJDEP for parameters or appropriate category of parameters or a member of the USEPA CLP.	<u>✓</u>
12. NonConformance Summary.	<u>✓</u>

C. J. J. J.
QC Reviewed by

12/16/08
Date

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: ESI, INC.

Project: ST. MARY'S HOSPITAL (PBI) - R8MM

Lab Case No.: E08-13753

Lab ID:		13753-001	
Client ID:		SMP-1208	
Matrix:		Aqueous	
Sampled Date		12/3/08	
PARAMETER(Units)	Conc	Q	MDL
Metals (Units)	(mg/L-ppm)		
Copper	0.112	0.008	
Zinc	0.073	0.008	

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS

Client/Project: ESI/ST. MARY'S HOSPITAL (PBI) - R8MM

Lab ID: E08-13753-001

Client ID: SMP-1208

Date Received: 12/03/08 13:00

Matrix-Units: Aqueous-mg/L (ppm)

% Moisture: 100

Batch #: 534

Compound	Result	Q	DF	MDL	Date Analyzed	Method
Copper	0.112	✓	1	0.008	12/04/08	200.8
Zinc	0.073	✓	1	0.008	12/04/08	200.8

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL**BLANK 1 RESULTS SUMMARY**

Batch (Page) #: 534
Associated Lab 13566, 13625, 13661, 13698, 13751, 13752, 13753, 13754, 13666, 13667
Case for Blank 1: 13716, 13717, 13718, 13719, 13720

Matrix: Aqueous

Unit: ppb (µg/L)

Method: 200.8

ANALYTE	SAMPLE MDL	REAGENT BLANK
Arsenic	2.00	ND
Cadmium	1.00	ND
Chromium	8.00	ND
Copper	8.00	ND
Lead	2.00	ND
Manganese	4.00	ND
Mercury	0.500	ND
Nickel	4.00	ND
Silver	2.00	ND
Zinc	8.00	ND

Associated Sample for Blank 1:

13566-001; 13625-001; 13661-001~003; 13698-001
13751-001; 13752-001; 13753-001; 13754-001; 13666-006
13667-001~004; 13716-002; 13717-002; 13718-001
13719-001; 13720-001

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E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL**INITIAL & CONTINUING CALIBRATION BLANKS VERIFICATION**

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721
13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753
13754

Matrix: AqueousMethod: 200.8Concentration/Units: ppb (µg/L)

ANALYTE	INST. MDL	ICB	CCB	CCB	CCB	CCB	CCB
Arsenic	0.500	ND	ND	ND	ND	ND	ND
Cadmium	0.250	ND	ND	ND	ND	ND	ND
Chromium	2.00	ND	ND	ND	ND	ND	ND
Copper	2.00	ND	ND	ND	ND	ND	ND
Lead	0.500	ND	ND	ND	ND	ND	ND
Manganese	1.00	ND	ND	ND	ND	ND	ND
Mercury	0.250	ND	ND				
Nickel	1.00	ND	ND	ND	ND	ND	ND
Silver	0.500	ND	ND	ND	ND	ND	ND
Zinc	2.00	ND	ND	ND	ND	ND	ND

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E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL**INITIAL & CONTINUING CALIBRATION BLANKS VERIFICATION**

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721
13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753
13754Matrix: AqueousMethod: 200.8Concentration/Units: ppb (µg/L)

ANALYTE	INST. MDL	CCB					
Arsenic	0.500	ND					
Cadmium	0.250	ND					
Chromium	2.00	ND					
Copper	2.00	ND					
Lead	0.500	ND					
Manganese	1.00	ND					
Nickel	1.00	ND					
Silver	0.500	ND					
Zinc	2.00	ND					

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E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL
INITIAL & CONTINUING CALIBRATION VERIFICATION

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721

13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753

13754

Matrix: AqueousMethod: 200.8Units: ppb (ug/L)

ANALYTE	INST. MDL	ICV & CCV TRUE	ICV		CCV		CCV		CCV	
			FOUND	% R	FOUND	% R	FOUND	% R	FOUND	% R
Arsenic	0.500	20.0	18.4	92.0	20.7	104	21.1	106	21.0	105
Cadmium	0.250	10.0	9.43	94.3	9.21	92.1	10.3	103	10.4	104
Chromium	2.00	20.0	19.1	95.5	18.0	90.0	18.9	94.5	18.8	94.0
Copper	2.00	50.0	47.9	95.8	46.1	92.2	48.3	96.6	49.2	98.4
Lead	0.500	10.0	10.1	101	9.60	96.0	10.1	101	10.2	102
Manganese	1.00	30.0	28.3	94.3	27.5	91.7	28.7	95.7	28.9	96.3
Mercury	0.250	5.00	5.41	108	5.26	105				
Nickel	1.00	80.0	73.7	92.1	73.2	91.5	75.5	94.4	75.4	94.3
Silver	0.500	20.0	19.5	97.5	18.2	91.0	19.6	98.0	18.5	92.5
Zinc	2.00	40.0	37.2	93.0	36.3	90.8	40.3	101	41.0	103

(1) Control Limits: Mercury 80-120; Other Metals 90-110

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E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL

INITIAL & CONTINUING CALIBRATION VERIFICATION

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721

13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753

13754

Matrix: Aqueous

Method: 200.8

Units: ppb (ug/L)

ANALYTE	INST. MDL	ICV & CCV TRUE	CCV		CCV		CCV		FOUND	% R
			FOUND	% R	FOUND	% R	FOUND	% R		
Arsenic	0.500	20.0	21.2	106	20.8	104	21.5	108		
Cadmium	0.250	10.0	10.1	101	10.0	100	10.1	101		
Chromium	2.00	20.0	18.7	93.5	18.2	91.0	18.4	92.0		
Copper	2.00	50.0	49.0	98.0	47.7	95.4	48.7	97.4		
Lead	0.500	10.0	10.4	104	10.4	104	10.5	105		
Manganese	1.00	30.0	29.1	97.0	28.5	95.0	29.1	97.0		
Nickel	1.00	80.0	75.3	94.1	73.5	91.9	76.9	96.1		
Silver	0.500	20.0	18.8	94.0	18.8	94.0	20.5	103		
Zinc	2.00	40.0	41.2	103	41.5	104	41.6	104		

(1) Control Limits: Mercury 80-120; Other Metals 90-110

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL

SPIKE SAMPLE RECOVERY

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13698, 13751, 13752, 13753, 13754, 13666, 13667

13716, 13717, 13718, 13719, 13720

Matrix: Aqueous

Concentration/Units: ppb (µg/L)

ANALYTE	SSR1	SR1	%R1	SA1	SSR2	SR2	%R2	SA2	CONTROL LIMIT %R
Arsenic	385	11.8	93.3	400	442	ND	111	400	75-125
Cadmium	357	ND	89.3	400	439	ND	110	400	75-125
Chromium	365	ND	91.3	400	422	ND	106	400	75-125
Copper	354	ND	88.5	400	470	45.5	106	400	75-125
Lead	393	2.95	97.5	400	458	2.93	114	400	75-125
Manganese	886	503	95.8	400	426	ND	107	400	75-125
Mercury	10.5	ND	105	10.0					75-125
Nickel	387	33.0	88.5	400	422	ND	106	400	75-125
Silver	349	ND	87.3	400	364	ND	91.0	400	75-125
Zinc	389	25.9	90.8	400	513	49.6	116	400	75-125

SR = Sample Result

%R = Percent Recovery

SSR = Spike Sample Result

SA = Spike Added

NC = Non-calculable % R; Sample concentration > 4 x Spike Concentration.

QC Sample 1 13566-001

QC Sample 1 for following samples:

13566-001; 13625-001; 13661-001~003; 13698-001

13751-001; 13752-001; 13753-001; 13754-001

QC Sample 2 13716-002

QC Sample 2 for following samples:

13666-006; 13667-001~004; 13716-002; 13717-002

13718-001; 13719-001; 13720-001

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL DUPLICATE SAMPLE RECOVERY

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13698, 13751, 13752, 13753, 13754, 13666, 13667

13716, 13717, 13718, 13719, 13720

Matrix: AqueousConcentration/Units: ppb (µg/L)

ANALYTE	CONTROL LIMIT 1	S1	D1	RPD1	CONTROL LIMIT 2	S2	D2	RPD2
Arsenic	20	11.8	10.8	8.85	NA	ND	ND	NC
Cadmium	NA	ND	ND	NC	NA	ND	ND	NC
Chromium	NA	ND	ND	NC	NA	ND	ND	NC
Copper	NA	ND	ND	NC	20	45.5	45.5	0
Lead	20	2.95	2.72	8.11	20	2.93	2.68	8.91
Manganese	20	503	490	2.62	NA	ND	ND	NC
Mercury	NA	ND	ND	NC				
Nickel	20	33.0	30.8	6.90	NA	ND	ND	NC
Silver	NA	ND	ND	NC	NA	ND	ND	NC
Zinc	20	25.9	22.5	14.0	20	49.6	47.3	4.75

S1 = Sample 1

D1 = Duplicate 1

NA = Not Applicable

NC = Non-calculable RPD due to result (s) less than the detection limit.

QC Sample 1 13566-001

QC Sample 1 for following samples:

13566-001; 13625-001; 13661-001~003; 13698-001

13751-001; 13752-001; 13753-001; 13754-001

S2 = Sample 2

D2 = Duplicate 2

QC Sample 2 13716-002

QC Sample 2 for following samples:

13666-006; 13667-001~004; 13716-002; 13717-002

13718-001; 13719-001; 13720-001

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL **LABORATORY CONTROL SAMPLE**

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721

13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753

13754

Matrix: AqueousUnit: ppb (µg/L)

ANALYTE	BSW1			BSW2		
	TRUE	FOUND	%R(1)	TRUE	FOUND	%R(1)
Arsenic	400	374	93.5	400	392	98.0
Cadmium	400	372	93.0	400	401	100
Chromium	400	371	92.8	400	375	93.8
Copper	400	371	92.8	400	393	98.3
Lead	400	381	95.3	400	405	101
Manganese	400	364	91.0	400	384	96.0
Mercury	10.0	11.3	113			
Nickel	400	364	91.0	400	381	95.3
Silver	400	384	96.0	400	416	104
Zinc	400	384	96.0	400	409	102

(1) Control Limits % Recovery = 85-115%

BSW113566-001; 13625-001; 13661-001~003; 13698-00113751-001; 13752-001; 13753-001; 13754-001; 13666-00613667-001~004; 13716-002; 13717-002; 13718-00113719-001; 13720-001BSW213721-002; 13722-001; 13723-002; 13724-002~00313725-002; 13726-001; 13728-002; 13729-00213730-002; 13725-002

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL **SERIAL DILUTIONS & POST SPIKES 1**

Batch (Page) #: 534

Lab Case: 13566, 13625, 13661, 13698, 13751, 13752, 13753, 13754

Matrix: AqueousConcentration/Units: ppb (µg/L)

ANALYTE	SERIAL DILUTION		% Difference	POST SPIKE		% Recovery
	SR	SDR		SPR	SA	
Arsenic	11.8			384	400	93.1
Cadmium	ND			355	400	88.8
Chromium	ND			367	400	91.8
Copper	ND			358	400	89.5
Lead	2.95			391	400	97.0
Manganese	503	512	1.77			
Nickel	33.0			398	400	91.3
Silver	ND			324	400	81.0
Zinc	25.9			392	400	91.5

SR = Sample Result

SDR = Sample Dilution Result

SPR = Sample Post Spike Result

SA = Spike Added

Control Limits: (+) or (-) 10% Difference or 75 - 125% Recovery

QC Sample1 : 13566-001

QC Sample 1 for following samples:

13566-001; 13625-001; 13661-001~003; 13698-001

13751-001; 13752-001; 13753-001; 13754-001

E08-13753

INTEGRATED ANALYTICAL LABORATORIES, LLC.

METALS QUALITY CONTROL**IPC**

Batch (Page) #: 534

 Lab Case: 13566, 13625, 13661, 13666, 13667, 13698, 13716, 13717, 13718, 13719, 13720, 13721
 13722, 13723, 13724, 13725, 13726, 13728, 13729, 13730, 13731, 13751, 13752, 13753
 13754
Matrix: AqueousUnit: ppb (µg/L)

ANALYTE	BSW1		
	TRUE	FOUND	%R(1)
Arsenic	50.0	48.0	96.0
Cadmium	50.0	48.9	97.8
Chromium	50.0	47.8	95.6
Copper	50.0	48.8	97.6
Lead	50.0	48.5	97.0
Manganese	50.0	47.6	95.2
Mercury	2.50	2.48	99.2
Nickel	50.0	50.0	100
Silver	50.0	49.3	98.6
Zinc	50.0	49.5	99.0

(1) Control Limits = 95-105%

0015

CHAIN OF CUSTODY

No. 13753
(Lab Use Only)**ENVIRO-SCIENCES, INC.**

111 Howard Boulevard, Suite 108
 Mount Arlington, NJ 07856
 Phone: 973-398-8183
 Fax: 973-398-8037

CLIENT: ST. MARY'S HOSPITAL (PBI)PROJECT NAME: R8MMDELIVERABLES: Reduced Data DeliverablesSEND REPORT TO: Bob Lawrence E-Mail: RLawrenc@Enviro-Sciences.com

Sample Identification		Sampling Location Point	Sample Date	Sampling Time			Sample Matrix	Sample Type		Analysis Required (code #)	# of Containers
Lab	Field ID				A M	P M		Comp.	Grab		
	SMP-1208	Process Wastewater	12/3/08	10:00			Aqueous	X		12, 19	1

Note: PVSC Threshold Limits RequiredMethod of Relinquishment: Drop OffName of Laboratory: IALRelinquished By (Sign): [Signature]Received By (Sign): [Signature]Date/Time: 12/3/08 13:00

Relinquished To Lab By (Sign): _____

Received For Lab By (Sign): _____

Date/Time: _____

Analysis	Code
Priority Pollutant Metals	01
Petroleum Hydrocarbons	02
Volatile Organics + 15	03
Base Neutrals + 15	04
Acid & Base / Neutrals	05
VO+15 + MTBE / TBA	06
Antimony	07
Arsenic	08
Beryllium	09

Analysis	Code
Cadmium	10
Chromium	11
Copper.....	12
Lead	13
Mercury	14
Nickel	15
Selenium	16
Silver	17
Thallium	18

Analysis	Code
Zinc.....	19

Note: Report on CD NOT Required

\\Grove\Shared\Project Files_NTFRS_2b3b41cb\Hospital Group\Custody Chains\Monthly\1 month chain SMP.doc, 12/1/2008

0016

PROJECT INFORMATION

Case No. **E08-13753**Project **ST. MARY'S HOSPITAL (PBI) - R8MM**

Customer ESI, INC.		P.O. #
Contact Bob Lawrence		Received 12/3/2008 13:00
EMail rlawrenc@enviro-sciences.com	<input checked="" type="checkbox"/> EMail EDDs	Verbal Due 12/17/2008
Phone (973) 398-8183	Fax 1(973) 398-8037	Report Due 12/24/2008
Report To		Bill To
111 Howard Blvd		111 Howard Blvd
Suite 108		Suite 108
Mount Arlington, NJ 07856		Mount Arlington, NJ 07856
Attn: Bob Lawrence		Attn: Bob Lawrence
Report Format Reduced		
Additional Info <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA		

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
13753-001	SMP-1208	n/a	12/3/2008@10:00	Aqueous	mg/L	1
<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>			
001	Copper - Cu	In Process	200.8			
"	Zinc - Zn	In Process	200.8			

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 08

13753

CLIENT:

ESI

COOLER TEMPERATURE: 2° - 6°C: ☒ (See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VOs
- ☒ Labels intact/correct
- ☒ pH Check (exclude VOs)¹
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time¹

☐ Sample to be Subcontracted

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

EM

DATE

12/3/08

CORRECTIVE ACTION REQUIRED:

YES

☐

(SEE BELOW)

NO

☐

CLIENT NOTIFIED:

YES

☐

Date/ Time:

NO

☐

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

GRD

DATE

12-4-08

REV 02/05

0018

Laboratory Custody Chronicle**IAL Case No.****E08-13753****Client** ESI, INC.**Project** ST. MARY'S HOSPITAL (PBI) - R8MM**Received On** 12/ 3/2008@13:00**Department: Metals**

Copper - Cu

13753-001 Aqueous

Prep. Date

12/ 4/08

Analyst

Lisa

Analysis Date

12/ 4/08

Analyst

Helge

Zinc - Zn

-001 Aqueous

12/ 4/08

Lisa

12/ 4/08

Helge

Review and Approval:

DROP DOWN BOX

NON USE CERTIFICATION MONITORING REPORT LOCAL LIMITS

NAME: ST. MARY'S HOSPITAL

MAILING ADDRESS: _____

FACILITY LOCATION: PASSAIC N.J.

CATEGORY & SUBPART _____ PERMIT #: 26210045 OUTLET #: I

CONTACT OFFICIAL: _____ TELEPHONE #: _____

have been authorized to certify non-use for the following heavy metals:

Arsenic _____	Lead _____	Zinc _____	SAMPLE DATE			
Cadmium _____	Mercury _____		MONTH	DAY	YEAR	
Chromium _____	Molybdenum _____		12	3	2009	
Copper <input checked="" type="checkbox"/> _____	Nickel _____					

PARAMETER		CONCENTRATION			SAMPLE TYPE
		RESULT	THRESHOLD VALUE EXCEEDED YES OR NO	UNITS	COMP/GRAB
Cu.	Sample Measurement	0.073	ND	mg/l	Comp.
	Threshold Value	0.092		1	
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				
	Sample Measurement				
	Threshold Value				

PVSC Form MR-3 10/96